

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| L1    | 14   | "5943649"  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2009/08/27<br>12:22 |
| S1    | 1    | ("6640257").PN.  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2008/03/13<br>14:50 |
| S2    | 1    | ("20070113727").PN.  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2008/03/13<br>15:51 |
| S3    | 785  | 381/122  | US-PGPUB;<br>USPAT        | OR               | OFF     | 2008/03/13<br>15:55 |
| S4    | 143  | S3 and display   | US-PGPUB;<br>USPAT        | OR               | OFF     | 2008/03/13<br>15:55 |
| S5    | 117  | ("20020013730"  <br>"20020032510"  <br>"20020082058"  <br>"20020197955"  <br>"20030032460"  <br>"20030228879"  <br>"20040110472"  <br>"20040203379"  <br>"20040203494"  <br>"20040246607"  <br>"20050090279"  <br>"3099797"   "3944020"  <br>"4056696"   "4241870"  <br>"4247850"   "4362907"  <br>"4447808"   "4588267"  <br>"4625210"   "4630904"  <br>"4680787"   "4733336"  <br>"4760394"   "4827520"  <br>"4870676"   "4875229"  <br>"4881258"   "4905270"  <br>"4905304"   "4930742"  <br>"4943796"   "5029233"  <br>"5177685"   "5239586"  <br>"5299132"   "5353376"  <br>"5398190"   "5454027"  <br>"5455716"   "5513111"  <br>"5519621"   "5546458"  <br>"5566224"   "5576687"  <br>"5579376"   "5631638"  <br>"5649316"   "5649317"  <br>"5659594"   "5671996"  <br>"5673325"   "5745850"  <br>"5754665"   "5760962"  <br>"5815820"   "5829782"  <br>"5835607"   "5878353"  <br>"5889474"   "5898392"  <br>"5899956"   "5917921" | US-PGPUB;<br>USPAT; USOCR | OR               | OFF     | 2008/03/13<br>16:32 |

|    |       |  |                           |    |     |                     |
|----|-------|--|---------------------------|----|-----|---------------------|
|    |       | "5917923"   "5938321"  <br>"5940503"   "5971552"  <br>"6011518"   "6019475"  <br>"6026162"   "6028537"  <br>"6069588"   "6081237"  <br>"6127919"   "6198947"  <br>"6239928"   "6243003"  <br>"6246765"   "6278377"  <br>"6285757"   "6294989"  <br>"6326613"   "6329925"  <br>"6366622"   "6396408"  <br>"6420975"   "6428172"  <br>"6433676"   "6445287"  <br>"6466136"   "6477464"  <br>"6520667"   "6522763"  <br>"6528782"   "6549793"  <br>"6553308"   "6559769"  <br>"6587756"   "6614911"  <br>"6625426"   "6625503"  <br>"6633482"   "6650233"  <br>"6690956"   "6728375"  <br>"6735506"   "6766233"  <br>"6882734"   "6889064"  <br>"6906632"   "6909361"  <br>"D294495"   "D315890"  <br>"D316242"   "D326450"  <br>"D337582").PN. |                           |    |     |                     |
| S6 | 18384 | microphon\$2 same<br>display\$1 same monitor<br>\$1  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/03/14<br>14:34 |
| S7 | 156   | "381"/\$.ccls. and S6  | US-PGPUB;<br>USPAT        | OR | OFF | 2008/03/14<br>14:34 |
| S8 | 22    | ("5026051"   "5052685"  <br>"5138660"   "5272757"  <br>"5291556"   "5436975"  <br>"5448287"   "5473343"  <br>"5487113"   "5534887"  <br>"5768393"   "5862229"  <br>"5867654"   "5872566"  <br>"5993318"   "6040831"  <br>"6046722"   "6081266"  <br>"6088031"   "6097390"  <br>"6097393"   "6122381").<br>PN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2008/04/07<br>14:32 |

|     |    |  |                        |    |     |                  |
|-----|----|--|------------------------|----|-----|------------------|
| S9  | 32 | (US-20070113727-\$ or US-20070160228-\$ or US-20050207591-\$ or US-20050058300-\$ or US-20040203379-\$ or US-20040110472-\$ or US-20030228879-\$ or US-20020082058-\$ or US-20020032510-\$ or US-20050254662-\$ or US-20030035553-\$ or US-20030026441-\$ or US-20040240680-\$ or US-20040190730-\$ or US-20040052383-\$ or US-20020151995-\$).did. or (US-7266204-\$ or US-6906632-\$ or US-7162043-\$ or US-6882734-\$ or US-6717524-\$ or US-6702584-\$ or US-6650233-\$ or US-6533063-\$ or US-6516066-\$ or US-6466136-\$ or US-6647119-\$ or US-7224385-\$ or US-7216221-\$ or US-6040831-\$ or US-5867654-\$ or US-5448287-\$).did. | US-PGPUB; USPAT        | OR | OFF | 2008/04/07 17:03 |
| S10 | 16 | radio and S9   | US-PGPUB; USPAT        | OR | OFF | 2008/04/07 17:03 |
| S11 | 40 | ("3723653"   "3873771"   "3974337"   "4005265"   "4210927"   "4441180"   "4516156"   "4529839"   "4529840"   "4531024"   "4574374"   "4645872"   "4650929"   "4686698"   "4710917"   "4837798"   "4961211"   "4987492"   "4995071"   "5003532"   "5010399"   "5027400"   "5042062"   "5072442"   "5099510"   "5130399"   "5130793"   "5130801"   "5170427"   "5200989"   "5202957"   "5218627"   "5283637"   "5315633"   "5374952"   "5408526"   "5471318"   "5491695"   "5594495"   "5689553").PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/07 17:04 |

|     |        |   |                    |    |     |                     |
|-----|--------|---|--------------------|----|-----|---------------------|
| S12 | 37     | (US-20070113727-\$ or US-20070160228-\$ or US-20050207591-\$ or US-20050058300-\$ or US-20040203379-\$ or US-20040110472-\$ or US-20030228879-\$ or US-20020082058-\$ or US-20020032510-\$ or US-20050254662-\$ or US-20030035553-\$ or US-20030026441-\$ or US-20040240680-\$ or US-20040190730-\$ or US-20040052383-\$ or US-20020151995-\$).did. or (US-7266204-\$ or US-6906632-\$ or US-7162043-\$ or US-6882734-\$ or US-6717524-\$ or US-6702584-\$ or US-6650233-\$ or US-6533063-\$ or US-6516066-\$ or US-6466136-\$ or US-6647119-\$ or US-7224385-\$ or US-7216221-\$ or US-6040831-\$ or US-5867654-\$ or US-5448287-\$ or US-5072442-\$ or US-5003532-\$ or US-4995071-\$ or US-4961211-\$ or US-4710917-\$).did. | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/07<br>18:25 |
| S13 | 11     | (wireless same microphone) and S12  | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/07<br>18:25 |
| S14 | 106775 | rf same control\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/09<br>15:07 |
| S15 | 0      | rf same control\$4 same level same predetermined  | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/09<br>15:08 |
| S16 | 2750   | rf same control\$4 same level same predetermined  | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/09<br>15:08 |
| S17 | 1      | S16 and 381/122   | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/09<br>15:08 |
| S18 | 16782  | rf same control\$4 same level   | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/09<br>15:11 |
| S19 | 3      | S18 and 381/122   | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/09<br>15:11 |
| S20 | 122    | S18 and "381"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/04/09<br>15:13 |

|     |         |   |                 |    |     |                  |
|-----|---------|---|-----------------|----|-----|------------------|
| S21 | 2136    | (rf near level) same control\$4                                 | US-PGPUB; USPAT | OR | OFF | 2008/04/09 15:14 |
| S22 | 7       | S21 and "381"/\$.ccls.  | US-PGPUB; USPAT | OR | OFF | 2008/04/09 15:15 |
| S23 | 199     | (rf near level) same control\$4 same (storage or memory)        | US-PGPUB; USPAT | OR | OFF | 2008/04/09 16:45 |
| S24 | 2265215 | (rf near level) near\$4 (storage or memory) same control\$4     | US-PGPUB; USPAT | OR | OFF | 2008/04/09 16:57 |
| S25 | 873230  | time same (measur\$4 or calculat\$4)                            | US-PGPUB; USPAT | OR | OFF | 2008/04/09 17:56 |
| S26 | 150     | S25 and 381/122   | US-PGPUB; USPAT | OR | OFF | 2008/04/09 17:56 |
| S27 | 207401  | time same (measur\$4 or calculat\$4) same control               | US-PGPUB; USPAT | OR | OFF | 2008/04/09 18:06 |
| S28 | 263995  | time same (measur\$4 or calculat\$4) same control \$3           | US-PGPUB; USPAT | OR | OFF | 2008/04/09 18:06 |
| S29 | 24      | S28 and 381/122   | US-PGPUB; USPAT | OR | OFF | 2008/04/09 18:07 |
| S30 | 2       | ganley-richard\$.in.  | US-PGPUB; USPAT | OR | OFF | 2008/04/11 18:04 |
| S31 | 16      | tanaka-tomohisa\$.in.   | US-PGPUB; USPAT | OR | OFF | 2008/04/11 18:05 |
| S32 | 894     | 381/92  | US-PGPUB; USPAT | OR | OFF | 2008/04/11 18:06 |
| S33 | 1       | "20070113727"   | US-PGPUB; USPAT | OR | OFF | 2008/10/17 14:09 |
| S34 | 5858    | mic\$7 same string  | US-PGPUB; USPAT | OR | OFF | 2008/10/17 14:18 |
| S35 | 709     | mic\$7 same string same character                               | US-PGPUB; USPAT | OR | OFF | 2008/10/17 14:18 |
| S36 | 1724    | mic\$7 same string same (character or information)              | US-PGPUB; USPAT | OR | OFF | 2008/10/17 14:19 |
| S37 | 28684   | "381"/\$.ccls.  | US-PGPUB; USPAT | OR | OFF | 2008/10/17 14:19 |
| S38 | 11      | S36 and S37   | US-PGPUB; USPAT | OR | OFF | 2008/10/17 14:19 |
| S39 | 20      | mic\$7 same string same (character or information) same battery | US-PGPUB; USPAT | OR | OFF | 2008/10/17 14:22 |
| S40 | 966     | 381/92  | US-PGPUB; USPAT | OR | OFF | 2008/10/25 18:44 |

|     |    |   |   |    |     |                     |
|-----|----|---|---|----|-----|---------------------|
| S41 | 0  | (381/92,122).ccls. and<br>(string same character<br>same information same<br>battery) | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/25<br>18:45 |
| S42 | 0  | (381/92,122).ccls. and<br>(string same character<br>same information)                 | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/25<br>18:46 |
| S43 | 5  | (381/92,122).ccls. and<br>(character same<br>information)                             | US-PGPUB;<br>USPAT  | OR | OFF | 2008/10/25<br>18:46 |
| S44 | 1  | "20020005894"   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/08/25<br>14:31 |
| S45 | 84 | "6057758"   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/08/25<br>14:31 |
| S46 | 12 | "6246325"   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/08/25<br>14:31 |
| S47 | 32 | "6317039"   | US-PGPUB;<br>USPAT  | OR | OFF | 2009/08/25<br>14:32 |
| S48 | 10 | "1197178"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/08/25<br>14:33 |
| S49 | 89 | "730388"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/08/25<br>14:33 |
| S50 | 8  | "10124790"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/08/25<br>14:33 |

8/ 27/ 2009 5:11:08 PM

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